

# Laptop and Desktop Specifications

# Desktop Specifications

***(NOTE: ALL SPECIFICATIONS ARE MINIMUMS)***

<u>Component</u>	<u>Recommendation</u>
• Processor (CPU) Type	Intel® Core™ i5-4570 (3.2 GHz) CPU or equal
• Operating System	Windows 7 Professional with option to ship with 8.1 for free
• Random Access Memory (RAM)	8GB 1600 DDR3, Non-ECC, max capacity 32GB
• Hard Drive	500 GB 7200 RPM, SATA Interface
• Display/Graphics Technology	Integrated HD Graphics w/ Dual Monitor Support
• Sound	Analog stereo output
• Speakers	Integrated headphone and stereo speaker jacks
• Optical Drive 1	8X DVD+/-RW Writer Drive
• Mouse	USB optical mouse with scroll
• Keyboard	USB keyboard
• Smart Card Reader	FIPS-201 Approved Transparent Smart Card Reader (Keyboard integrated or USB)
• Network Interface	10/100/1000 BASE-T Ethernet
• Ports	6 USB ports total (USB 3.0 and USB 2.0) 1 DVI, 1 VGA, 1 DP or HDMI, or more
• Slots	2 PCI Slots available (PCI and/or PCIe)
• Platform Integrity	Trusted Platform Module (TPM) v1.2 or better
• EPEAT	Gold
• Energy Star	5.0
• TAA Compliant	Yes
• Section 508 Compliant	Yes
• Warranty	3 years; Keep Your Hard Drive
• Delivery Time (Days)	30 days
Optional Software “Bundle”:	Productivity Software- Microsoft Office Professional 2013 or equal, and Antivirus Software- Symantec End Point Protection or equal (3-year license for both)
Optional Hardware:	Monitor: 23.6 in viewable
Optional Warranty:	Extend base warranty to 4 years; extend base warranty to 5 years

# Desktop Upgrade 1 Specifications

**(NOTE: ALL SPECIFICATIONS ARE MINIMUMS)**

<u>Component</u>	<u>Recommendation</u>
• Processor (CPU) Type	Intel® Core™ i7-4790 (3.6Ghz) or equal
• Operating System	Windows 7 Professional with option to ship with 8.1 for free
• Random Access Memory (RAM)	16 GB DDR3 1600 DIMM
• Hard Drive	750 GB 7200 RPM
• Display/Graphics Technology	Integrated HD Graphics w/ Dual Monitor Support
• Sound	Analog stereo output
• Speakers	Integrated headphone and stereo speaker jacks
• Optical Drive 1	8X DVD+/-RW Writer Drive
• Mouse	USB optical mouse with scroll
• Keyboard	USB keyboard
• Smart Card Reader	FIPS-201 Approved Transparent Smart Card Reader (Keyboard integrated or USB)
• Network Interface	10/100/1000 BASE-T Ethernet
• Ports	6 USB ports total (USB 3.0 and USB 2.0) 1 DVI, 1 VGA, 1 DP or HDMI, or more
• Slots	2 PCI Slots available (PCI and/or PCIe)
• Platform Integrity	Trusted Platform Module (TPM) v1.2 or better
• EPEAT	Gold
• Energy Star Compliant	5.0
• TAA	Trade Agreement Act (TAA) compliant
• Section 508 Compliant	Yes
• Warranty	3 years plus option to extend to 4-5 years; Keep Your Hard Drive
• Delivery Time (Days)	30 days
Optional Software “Bundle”:	Productivity Software- Microsoft Office Professional 2013 or equal, and Antivirus Software- Symantec End Point Protection or equal (3-year license for both)
Optional Hardware:	Monitor: 23.6 in viewable
Optional Warranty:	Extend base warranty to 4 years; extend base warranty to 5 years

# Desktop Upgrade 2 Specifications

***(NOTE: ALL SPECIFICATIONS ARE MINIMUMS)***

<u>Component</u>	<u>Recommendation</u>
• <b>Processor (CPU) Type</b>	Intel® Core™ i7-4790 (3.6Ghz) or equal
• Operating System	Windows 7 Professional with option to ship with 8.1 for free
• Memory (RAM) Amount	32 GB DDR3 1600 DIMM
• Hard Drive	1 TB 7200 RPM
• Display/Graphics Technology	Integrated HD Graphics w/ Dual Monitor Support
• Sound	Analog stereo output
• Speakers	Integrated headphone and stereo speaker jacks
• Optical Drive 1	16X DVD+/-RW Super Multi SATA Drive
• Mouse	USB optical mouse with scroll
• Keyboard	USB keyboard
• Smart Card Reader	FIPS-201 Approved Transparent Smart Card Reader (Keyboard integrated or USB)
• Network Interface	10/100/1000 BASE-T Ethernet
• Ports	6 USB ports total (USB 3.0 and USB 2.0)
	1 DVI, 1 VGA, 1 DP or HDMI, or more
• Slots	2 PCI Slots available (PCI and/or PCIe)
• Platform Integrity	Trusted Platform Module (TPM) v1.2 or better
• EPEAT	Gold
• Energy Star Compliant	5.0
• Trade Act Agreement Compliant	Yes
• Section 508 Compliant	Yes
• Warranty	3 years plus option to extend to 4-5 years; Keep Your Hard Drive
• Delivery Time (Days)	30 days
Optional Software “Bundle”	Productivity Software- Microsoft Office Professional 2013 or equal, and Antivirus Software- Symantec End Point Protection or equal (3-yr license for both)
Optional Hardware:	Monitor: 23.6 in viewable
Optional Warranty:	Extend base warranty to 4 years; extend base warranty to 5 years

# Laptop Specifications (*NOTE: ALL SPECIFICATIONS ARE MINIMUMS*)

## Component

## Recommendation

• Processor (CPU) Type	Intel Core i5-4300 (2.6 GHz) or equal
• Operating System	Windows 7 Professional with option to ship with 8.1 for free
• Random Access Memory (RAM)	8 GB 1600 MHz
• Hard Drive	500GB 7200 RPM SATA
• Display/Graphics Technology	Intel HD 4000 or equal /Supports Dual Display configuration with Docking Station
• Display	14 inch
• Display Resolution	1366x768
• Sound	Analog Stereo Output
• Speakers	Integrated Stereo (Built-in stereo speakers)
• Optical Drive	None
• Mouse	Optical USB w/ Scroll
• Keyboard	Integrated
• Webcam	Integrated
• Microphone	Integrated
• Network Interface	10/100/1000 Base-T Ethernet; Wireless: 802.11n
• Bluetooth	Bluetooth 3.0 , Integrated
• Ports	3 or more USB 2.0 or higher
• Slots	1 - SD/MMC Card Slot, 1 - Locking Cable Slot
• Smart Card Reader	FIPS-201 Approved Transparent Reader
• Platform Integrity	Trusted Platform Module 1.2
• EPEAT	Gold
• Energy Star Compliant	5.0
• Trade Act Agreement Compliant	Yes
• Section 508 Compliant	Yes
• Warranty	3 years plus option to extend to 4-5 years; Keep Your Hard Drive
• Weight	Less than 6 pounds
• Delivery Time (Days)	30 days
Optional Software "Bundle":	Productivity-Microsoft Office Professional 2013 or equal and Antivirus-Symantec End Point Protection or equal (3-yr)
Optional Hardware:	Monitor: 23.6 in viewable Docking Station w/ 3 USB (1 must be 3.0), dual monitor support, DVI/VGA or Dual VGA, 10/100/1000
Optional Warranty:	Extend base warranty to 4 years; extend base warranty to 5 years

# Laptop Upgrade 1 Specifications *(NOTE: ALL SPECIFICATIONS ARE MINIMUMS)*

## Component

## Recommendation

• Processor (CPU) Type	Intel Core i7 (2.6 GHz) CPU or equal
• Operating System	Windows 7 Professional with option to ship with 8.1 for free
• Random Access Memory (RAM)	16 GB 1600 MHz
• Hard Drive	512 (Solid State Drive (SSD))
• Display/Graphics Technology	Intel HD 4000 or equal- Supports Dual Display configuration with Docking Station
• Display	15 inch
• Display Resolution	1366x768 OR GREATER
• Sound	Analog Stereo Output
• Speakers	Integrated Stereo (Built-in stereo speakers)
• Optical Drive 1	8x DVD+/-RW
• Mouse	Optical USB w/ Scroll
• Keyboard	Integrated
• Webcam	Integrated
• Microphone	Integrated
• Network Interface	10/100/1000 Base-T Ethernet; Wireless: 802.11n
• Bluetooth	Bluetooth 3.0 , Integrated
• Ports	3 or more USB 2.0 or higher
• Slots	1 - SD/MMC Card Slot, 1 - Locking Cable Slot
• Smart Card Reader	FIPS-201 Approved Transparent Reader
• Platform Integrity	Trusted Platform Module 1.2
• EPEAT	Gold
• Energy Star Compliant	5.0
• Trade Act Agreement Compliant	Yes
• Section 508 Compliant	Yes
• Warranty	3 years plus option to extend to 4-5 years; Keep Your Hard Drive
• Weight	6.5 pounds or less
• Delivery Time (Days)	30 days
Optional Software “Bundle”:	Productivity-Microsoft Office Professional 2013 or equal and Antivirus-Symantec End Point Protection or equal (3-yr)
Optional Hardware:	Monitor: 23.6 in viewable Docking Station w/ 3 USB (1 must be 3.0), dual monitor support, DVI/VGA or Dual VGA, 10/100/1000
Optional Warranty:	Extend base warranty to 4 years; extend base warranty to 5 years

# **Government-wide Strategic Solutions (GSS) for Desktops and Laptops**

- <https://hallways.cap.gsa.gov/it-hardware/government-wide-strategic-solutions-gss-desktops-and-laptops>